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(54) Title: **STRETCHABLE COLLAGEN MATERIAL AND MANUFACTURING METHOD AND USE THEREOF**



(57) Abstract: The present invention provides a stretchable collagen material, particularly collagen derived from fishes, having excellent stretching property and mechanical strength, which can be widely used as a cell carrier and medical material, and to a method for manufacturing the same. By thermally treating a gel comprising collagen fiber cross-linked by using cross-linking agent, the collagen enhanced in both stretching property and mechanical strength can be produced. The stretchable collagen material is extremely useful as a cell carrier material and medical material.

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